

**METHOD FOR PROCESSING AND TRANSMITTING DIGITAL DATA IN A
MOBILE TELEPHONE NETWORK, PARTICULARLY USING THE GSM
STANDARD, AND EMBEDDED MICROCHIP SYSTEM**

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ABSTRACT

The invention relates to a method for processing and transmitting
digital data in a mobile telephone network, particularly using the GSM standard, and
10 more particularly for applications using the so-called SIM Toolkit standard stores in a
smart card of the so-called SIM Type of a unit of mobile equipment (1). According to
the method, so-called master applications (30M) are remoted to a remote server (3)
with which the mobile equipment (1) communicates. These applications (30M)
communicate with the SIM smart card (2) via the circuits of the mobile equipment
15 (10) and first and second types of so-called "reporter" SIM Toolkit applications,
respectively called "reporter" (21) and "slave" (22).

The invention also concerns an embedded microchip system,
particularly a smart card of the so-called SIM type.

20 **FIG. 5**